RTCWEB WG
Chair Status

Ted Hardie
Cullen Jennings
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Note Well

This summary is only meant to point you in the right direction, and doesn't have all the nuances. The IETF's IPR Policy is set forth in BCP 79; please read it carefully.

The brief summary:

- By participating with the IETF, you agree to follow IETF processes.
- If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patents or patent applications, you need to disclose that fact.
- You understand that meetings might be recorded, broadcast, and publicly archived.

For further information, talk to a chair, ask an Area Director, or review the following:

- BCP 9 (on the Internet Standards Process)
- BCP 25 (on the Working Group processes)
- BCP 78 (on the IETF Trust)
- BCP 79 (on Intellectual Property Rights in the IETF)
Monday Agenda

• Chairs (10)
• JSEP (50 min) – Justin
• Data channel documents (40 min) - Randall
• Security Documents (20 min) - Eric Rescorla
• RTP Usages (30 min) - Colin
Thursday Agenda

• Chairs (5 min)
• Video Codec Selection:
  ○ VP8 presentation with clarify questions (25 min) Harald
    • draft-alvestrand-rtcweb-vp8-02
  ○ H.264 presentation with clarify questions (25 min) Bo / Jonathan
    • draft-burman-rtcweb-h264-proposal-03
  ○ Microphone discussions of pro/cons - 40 min (all)
  ○ Call the question - 10 min (chairs)
  ○ Wrap up and next steps - 10 min (chairs)
• Backup Topics if time permitting:
  ○ draft-ietf-rtcweb-transports-01 - time permitting (Harald)
Milestones

- Oct 2012 Send Security and Privacy Problem Statement to IESG for publication as Informational
  - draft-ietf-rtcweb-security
- Oct 2012 Complete Overview (and hold for dependency resolution)
  - draft-ietf-rtcweb-overview
- Oct 2012 Send Use Cases document to IESG for publication as Informational
  - draft-ietf-rtcweb-use-cases-and-requirements
- Jan 2013 Send Media Transport to IESG for publication as Proposed Standard
  - draft-ietf-rtcweb-rtp-usage
- Jan 2013 Send Security Solution to IESG for publication as Proposed Standard
  - draft-ietf-rtcweb-security-arch
- Jan 2013 Send Signalling Negotiation and NAT Traversal to IESG for publication as Proposed Standard
  - draft-ietf-rtcweb-jsep
- Jan 2013 Audio Processing and Audio Codecs to IESG for publication as Proposed Standard
  - draft-ietf-rtcweb-audio
- Jan 2013 Video Processing and Video Codecs to IESG for publication as Proposed Standard
- May 2013 Send Quality of Service markings of RTCWeb packets to IESG for publication as Proposed Standard
- May 2013 Send Data Stream Transport for non-media data to IESG for publication as Proposed Standard
  - draft-ietf-rtcweb-data-channel
  - draft-ietf-rtcweb-data-protocol
- Mar 2014 Send STUN Usage for Consent Freshness to IESG for publication as proposed standard
  - draft-ietf-rtcweb-stun-consent-freshness
Milestone Update

• Main Goal:
  – Have the WG finish **all** the Core WG documents by end of 2014

• Core Documents are
  ○ Those Required to get even basic functionality working

• Improvements, Optimizations, Informational
  ○ Follow as being completed

• Provide Chairs with input on the Milestones
  ○ Especially Authors
Overview of Dependencies by Doc

- **draft-ietf-rtcweb-audio-03**
  - draft-ietf-rtcweb-security-05
  - draft-ietf-payload-rtp-opus-01

- **draft-ietf-rtcweb-data-channel-06.txt**
  - draft-stewart-tsvwg-sctp-ndata-03
  - draft-ietf-rtcweb-qos-00
  - draft-ietf-tsvwg-sctp-dtls-encaps-02
  - draft-tuexen-tsvwg-sctp-prpolicies

- **draft-ietf-rtcweb-data-protocol-01**
  - draft-ietf-tsvwg-sctp-dtls-encaps

- **draft-ietf-rtcweb-overview**
  - draft-roach-mmusic-unified-plan

- **draft-ietf-rtcweb-transports-01**
  - draft-ietf-mmusic-sctp-sdp
  - draft-ietf-tsvwg-sctp-dtls-encaps
  - draft-nandakumar-rtcweb-stun-uri

- **draft-ietf-rtcweb-jsep-05**
  - draft-ietf-mmusic-msid
  - draft-ietf-mmusic-sctp-sdp
  - draft-ietf-mmusic-sdp-bundle-negotiation
  - draft-nandakumar-mmusic-sdp-mux-attributes
  - draft-ietf-mmusic-trickle-ice

- **draft-ietf-rtcweb-rtp-usage-10**
  - draft-ietf-avtcore-multi-media-rtp-session
  - draft-ietf-avtcore-rtp-circuit-breakers
  - draft-ietf-avtcore-rtp-multi-stream
  - draft-ietf-avtcore-rtp-multi-stream-optimisation

- **draft-ietf-rtcweb-security-arch**
  - draft-ietf-tsvwg-sctp-dtls-encaps
## Dependencies by WG

### AVTCORE
- draft-ietf-avtcore-multi-media-rtp-session
- draft-ietf-avtcore-rtp-circuit-breakers
- draft-ietf-avtcore-rtp-multi-stream
- draft-ietf-avtcore-rtp-multi-stream-optimisation

### AVTEXT
- draft-ietf-avtext-multiple-clock-rates

### PAYLOAD
- draft-ietf-payload-rtp-opus

### MMUSIC
- draft-ietf-mmusic-msid
- draft-ietf-mmusic-sctp-sdp
- draft-ietf-mmusic-sdp-bundle-negotiation
- draft-nandakumar-mmusic-sdp-mux-attributes
- draft-ietf-mmusic-trickle-ice
- draft-roach-mmusic-unified-plan

### TSVWG
- draft-stewart-tsvwg-sctp-ndata
- draft-ietf-tsvwg-sctp-dtls-encaps
- draft-tuexen-tsvwg-sctp-prpolicies

### AD Sponsored
- draft-nandakumar-rtcweb-stun-uri
Actions Needed

• Document Authors and WG
  ○ Review your Normative and Informative References for classification
    • If required to correctly implement something => Normative
  ○ Is the Normative Reference Required?
    • A nice thing to have
    • Critical for functionality

• WG
  ○ We are Soon going need to make choices
  ○ Legit to raise comments on document’s references:
    • Necessary functionalities
      ○ How to ensure that they complete
    • Improvements that can be skipped or added later
      ○ Remove for now
For WG To Be Timely

- Need more reviews
  - Especially over groups of documents for consistency

- Need updates to documents more often